

Complete Search History; Including updated history 5/12/06

### EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	3708	auger.in. or bergeron.in. or germain.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/22 12:46
S2	260	S1 and tissue	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/19 16:35
S3	173	S2 and cell	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/19 16:36
S4	23	S2 and (continuous same (tissue or cell))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/19 16:38
S6	1	2003wo-ca00617	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/19 16:40
S7	29	((("5763275") or ("5710043") or ("5610007") or ("5316945") or ("5665596") or ("5693537") or ("0566599") or ("5618718") or ("20010014475") or ("5955343") or ("5670483") or ("5710049") or ("5453278") or ("6133030") or ("5750329"))).PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/22 14:33
S8	2008	tissue near2 construct	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/22 12:52
S9	1155678	membrane or separator or barrier	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/22 12:46
S10	303	S8.ab.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/22 12:46

## EAST Search History

S11	85	S10 and S9	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/22 12:46
S12	55081	S9 same permeable	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/22 12:47
S13	12	S12 and S11	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/22 12:47
S14	3766	tissue near2 (construct or equivalent)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/22 12:52
S15	635	S14.ab.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/22 12:52
S16	141	S15 and S9	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/22 12:52
S17	21	S16 and S12 and cell	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/22 12:52
S18	9	S17 not S13	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/22 12:54
S19	275	S14 same S9	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/22 12:55
S20	696	((435/393) or (435/395) or (435/397)).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/22 12:56

## EAST Search History

S21	19	S19 and S20	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/22 13:03
S22	177	vacanti.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/22 13:04
S23	11	vacanti.in. and (bilayer or multilayer) and cell and S9	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/22 13:26
S24	5801	"co-cultured" "co-culture" "co-culturing"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/22 13:27
S25	455	S24 same S9	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/22 13:59
S26	46	S25 same S12	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/22 13:41
S27	36	S25 and S14	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/22 13:28
S28	16	S27 not ("basement membrane")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/22 13:32
S29	0	10/557081	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/22 13:32
S30	0	2004us-wo16059	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/22 13:33

## EAST Search History

S31	1	2004wo-us16059	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/22 13:33
S32	2	("6455311").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/22 13:33
S33	55	S25 same \$permeable	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/22 13:42
S34	49	S33 not S28	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/22 13:42
S35	46	S33 not S27	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/22 13:43
S36	29	((("5763275") or ("5710043") or ("5610007") or ("5316945") or ("5665596") or ("5693537") or ("0566599") or ("5618718") or ("20010014475") or ("5955343") or ("5670483") or ("5710049") or ("5453278") or ("6133030") or ("5750329"))).PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/22 14:33
S37	21	S36 and (collagen or membrane)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/22 15:52
S38	12616	"tissue implant" "tissue scaffold" "tissue matrix" "artificial organ" "artificial tissue" "tissue engineered" "tissue engineering"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/02 15:40
S39	10432	("genetically engineered cells" or "genetically transformed cells") and "tissue implant" "tissue scaffold" "tissue matrix" "artificial organ" "artificial tissue" "tissue engineered" "tissue engineering"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/22 16:20

## EAST Search History

S40	470	("genetically engineered cells" or "genetically transformed cells") and ("tissue implant" "tissue scaffold" "tissue matrix" "artificial organ" "artificial tissue" "tissue engineered" "tissue engineering")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/22 16:20
S41	52	("genetically engineered cells" or "genetically transformed cells") and ("tissue implant" "tissue scaffold" "tissue matrix" "artificial organ" "artificial tissue" "tissue engineered" "tissue engineering" "tissue construct").ab.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/22 16:21
S42	313	("genetically engineered cells" or "genetically transformed cells") and ("tissue implant" "tissue scaffold" "tissue matrix" "artificial organ" "artificial tissue" "tissue engineered" "tissue engineering" "tissue construct") and ("blood vessels" "blood vessel")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/22 16:21
S43	28	("genetically engineered cells" or "genetically transformed cells") and ("tissue implant" "tissue scaffold" "tissue matrix" "artificial organ" "artificial tissue" "tissue engineered" "tissue engineering" "tissue construct").ab. and ("blood vessels" "blood vessel")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/22 16:21
S44	31	gestrelus.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/27 13:59
S45	3	("6503539").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/27 14:03
S46	105	"sodium hyaluronate" same "gelatin"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/27 14:08
S47	0	S45 and S46	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/27 14:04

## EAST Search History

S48	1	S46 and "structure forming"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/27 14:03
S49	10	S46 same "excipient"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/27 14:04
S50	795	"sodium hyaluronate" and "gelatin"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/27 14:04
S51	0	S45 and S50	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/27 14:06
S52	1	S45 and cross-linked	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/27 14:06
S53	0	S45 and crosslink?	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/27 14:06
S54	0	S45 and crosslink\$	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/27 14:06
S55	1	S45 and cross-link\$	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/27 14:07
S56	589	"hyaluronic acid" same "gelatin" same (crosslink\$ or cross-link\$)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/27 14:08
S57	223	"hyaluronic acid" with "gelatin" with (crosslink\$ or cross-link\$)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/27 14:09

## EAST Search History

S58	10	"sodium hyaluronate" same "gelatin" same excipient	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/27 14:08
S59	1	"hyaluronic acid" with "gelatin" with (crosslink\$ or cross-link\$) same excipient?	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/27 14:09
S60	56	"hyaluronic acid" with "gelatin" with (crosslink\$ or cross-link\$) and excipient?	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/27 14:09
S61	4	((("5610007") or ("5618718")).PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/02 13:28
S62	2	("5665596").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/02 13:40
S63	247	(435/373).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/02 15:29
S64	514	((435/297.1) or (435/297.5)).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/02 15:34
S65	6	S63 and S64	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/02 13:44
S66	2	S63 and (edge near3 contact)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/02 15:34
S67	0	S63 and (butt)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/02 13:45

## EAST Search History

S68	25	S63 and (butt\$)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/02 15:24
S69	2	("6133030").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/02 15:24
S70	128039	(edge near3 contact)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/02 15:26
S71	410	(edge near3 contact) and cell same cultur\$	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/02 15:27
S72	279	(edge near2 contact) and cell same cultur\$	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/02 15:27
S73	97	(edge near2 contact) and cell same cultur\$ and 435/???	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/02 15:28
S74	63	(edge near2 contact) and cell same cultur\$ and 435/???.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/02 15:27
S75	1	S63 and (side-by-side)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/02 15:35
S76	109	S63 and (side)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/02 15:28
S77	102242	(tissue or cell) with (sheet or construct)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/02 15:29



## EAST Search History

S78	108	S77 and S63	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/02 15:29
S79	10	S64 and (edge near3 contact)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/02 15:34
S80	13	S64 and (side-by-side)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/02 15:35
S81	3118	edge adj assembly	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/02 15:41
S82	109314	(435/???).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/02 15:41
S83	6	S81 and S82	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/02 15:55
S84	567	(gel or collagen or matrix) same co-cultur\$	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/02 15:55